

01/529035 #2  
JC17 Rec'd PCT/PTO 24 MAR 2005

Docket No.: 12810-00040-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Stephan SCHLITTER et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: CATALYST, ITS PREPARATION AND THE  
POLYMERIZATION OF CYCLIC ETHERS  
OVER THIS CATALYST (as amended)

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

With the exception of U.S. patents, a copy of each reference on the PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is given for only non-English language listed items.

U.S. 6,043,338 relates to a method of producing polyoxytetramethylene glycol and is the English-language counterpart of cited reference DE 195 27 532.

DE 11 73 442 relates to a procedure for the production of activated clay.

FR 915 458 relates to a process for the activation of clays.

U.S. 3,901,826 relates to acid treated, three-sheet mineral absorbents and method for preparing same and is the English-language counterpart of DE 22 47 530.

U.S. 4,189,566 relates to the polymerization of tetrahydrofuran and is the English-language counterpart of DE 28 01 578.

WO 03/002631 relates to a catalyst and method for the production of polytetrahydrofuran.

U.S. 6,362,312 relates to a catalyst and method for the production of polytetrahydrofuran and is the English-language counterpart of DE 198 01 462.

U.S. 6,274,700 relates to a catalyst and method for producing polytetrahydrofuran and is the English-language counterpart of DE 197 55 415.

U.S. 5,268,345 relates to reactivation of montmorillonite catalysts and is the English-language counterpart of EP 0 535 515.

Klockmanns Mineralogie, pages 739-765, relates to silicates mi  $[\text{SiO}_4]$ -Tetraedern in even nets.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information

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as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 12810-00040-US. A duplicate copy of this paper is enclosed.

Dated: March 24, 2005

Respectfully submitted,

By:   
Matthew J. Mason, Reg. No. 44,904

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	Not Yet Assigned <b>107529035</b>
				Filing Date	Concurrently Herewith
				First Named Inventor	Stephan Schlitter
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	12810-00040-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-4,189,566	02-19-1980	Mueller et al.	
	AB	US-6,362,312 B1	03-26-2002	Eller et al.	
	AC	US-4,228,462	10-14-1980	van Straaten	
	AD	US-6,274,700 B1	08-14-2001	Eller et al.	
	AE	US-6,274,527 B1	08-14-2001	Belbachir et al.	
	AF	US-4,127,513	11-28-1978	Bellis	
	AG	US-4,460,796	07-17-1984	Mueller	
	AH	US-5,268,345	12-07-1993	Mueller	
	AI	US-6,043,338	03-28-2000	Sigwart et al.	
	AJ	US-3,901,826	08-26-1975	Hofstadt et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	DE-28 01 578 A1	07-19-1979	BASF AG		
	BB	DE-198 01 462 A1	07-22-1999	BASF AG		
	BC	DE-197 55 415 A1	06-17-1999	BASF AG		
	BD	EP-0 398 636 B1	11-22-1990	Engelhard Corporation		
	BE	EP-0 535 515 A1	04-07-1993	BASF AG		
	BF	DE-195 27 532 A1	01-30-1997	BASF AG		
	BG	DE-1 173 442	12-20-1960	Morton Salt Company		
	BH	FR-915.458	11-07-1946	Standard Oil Development		
	BI	DE-2 247 530	09-28-1972	Süd-Chemie AG		
	BJ	WO-03/002631 A1	01-09-2003	BASF AG		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Blatterstrukturen, Klockmanns Mineralogie, August 16, 1978, pages 739-765.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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